

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2268	(455/522).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/23 10:19
S2	2559	re\$transmission near packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:48
S4	14	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 15:01
S5	25267258	@riad < "20031811" or @ad < "20031811"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 15:02
S6	10	S5 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 15:02
S7	2	("20020114404").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:14
S8	2	("20010011023").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:19
S9	2	("20010046877").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:21

## EAST Search History

S10	2	("20020046379").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 16:21
S11	4614	retransmi\$5 near packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 14:21
S12	215362	(reduce\$3 or decreas\$3 lower\$3) near power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 15:59
S13	315	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:50
S14	25269535	@rlad < "20031811" or @ad < "20031811"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:50
S15	247	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:50
S16	3050	retransmi\$5 adj packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:52
S17	5	S16 same S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:52

## EAST Search History

S18	247	S15 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:53
S19	1	S17 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 14:20
S20	2	("9426016").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 12:59
S21	2	("20020114404").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:20
S23	9	S11 same S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 14:20
S24	3	S23 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 14:20
S25	5468	(retransmi\$5 or re\$transmi\$5) near packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 14:22
S26	9	S25 same S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 14:22

## EAST Search History

S27	3	S26 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 14:38
S28	4952	(retransmission or retransmission) near packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 14:23
S29	2	("20060068825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:40
S30	1	("200199328").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 14:41
S31	2	("200128127").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 15:55
S32	2275	(455/522).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 15:58
S33	70131	(reduces or decreases lower) near (interference or capacity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 15:59
S34	508	S33 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:16

## EAST Search History

S35	472	S14 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:00
S36	1	S35 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:07
S37	2	S35 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:16
S38	2802	(370/335).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 16:16
S39	519	S33 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:17
S40	502	S14 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:17
S41	13	S25 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 16:18
S42	25273044	@riad < "20031811" or @ad < "20031811"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 11:34

## EAST Search History

S43	2275	(455/522).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 11:40
S44	333	(distribut\$3 or allocat\$3 or assign\$3 or circulat\$3 or dispens\$3 or disseminat\$3) near ((extra or access or addition\$2 or surplus or unused) near power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:48
S45	293	S42 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 11:46
S46	9	S45 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 11:53
S47	4615	retransmi\$5 near packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 11:53
S49	31	S45 and packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 11:56
S52	37	((distribut\$3 or allocat\$3 or assign\$3 or circulat\$3 or dispens\$3 or disseminat\$3) near ((extra or access or addition\$2 or surplus or unused) near power)) and packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 12:13
S53	53	((distribut\$3 or allocat\$3 or assign\$3 or circulat\$3 or dispens\$3 or disseminat\$3) same ((extra or access or addition\$2 or surplus or unused) near power)) same packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:28

## EAST Search History

S54	0	("wo200199328").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 13:29
S55	0	("wo199328").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 13:29
S56	0	wo0199328	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:30
S57	2	("20020114404").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 13:30
S58	7	((distribut\$3 or allocat\$3 or assign\$3 or circulat\$3 or dispens\$3 or disseminat\$3) near3 ((extra or access or addition\$2 or surplus or unused) near3 power) with packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:51
S59	6	S58 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:52
S60	77	((((distribut\$3 or allocat\$3 or assign\$3 or circulat\$3 or dispens\$3 or disseminat\$3) near3 (transmi\$6 adj2 power)) with packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:26
S61	58	S60 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 13:53

## EAST Search History

S62	0	("wo199328").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/19 16:25
S63	0	wo200199328	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 16:26
S64	2541514	wo 01/99328	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/19 16:26
S65	50	(calculate or subtract or determine or compute) same "downlink channel quality"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:06
S66	25275363	@rlad < "20031811" or @ad < "20031811"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 08:34
S67	48	S65 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 09:10
S69	30	((calculate or subtract or determine or compute) near3 (channel adj quality)) with packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:07
S70	23	S69 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:08



## EAST Search History

S71	14	((calculate or subtract or determine or compute) near5 (channel adj quality)) near3 packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:12
S72	11	S71 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:08
S73	88	((calculate or subtract or determine or compute) same (channel adj quality)) with packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:19
S74	69	S73 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 11:13
S75	1	(difference with ((downlink or forward) near3 quality)) same ((packet or data) near3 (retransmi\$6 or resend\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:25
S76	33	((downlink or forward) near3 quality) same ((packet or data) near3 (retransmi\$6 or resend\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 16:28
S77	1	((difer\$3 or difference or chang\$3) with ((downlink or forward) near3 quality)) same ((packet or data) near3 (retransmi\$6 or resend\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:26
S78	15	S76 and ((transmi\$6 adj2 power) with packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:27

## EAST Search History

S79	14	S78 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:15
S81	8	((calculat\$3 or determin\$3 or comput\$3 or subtract\$3 or difference or compar\$3) with ((downlink or forward) near3 quality)) same ((packet or data or information) near3 (retransmi\$6 or resend\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:22
S82	11	S72 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:31
S83	54	(H\$ARQ or "hybrid\$automatic repeat request" or H ARQ) same (((downlink or forward) near3 quality)) near6 (packet or data or information)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:33
S84	22	S83 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:33
S85	52	(H-ARQ or "hybrid\$automatic repeat request" or H ARQ) same (((downlink or forward) near3 quality)) near6 (packet or data or information)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:39
S86	21	S85 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:33
S87	2280	(455/522).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 15:38

## EAST Search History

S88	889	(H-ARQ or "hybrid\$automatic repeat request" or H adj ARQ or hybrid adj ARQ)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:40
S89	38	S88 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:40
S90	29	S89 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 15:40
S91	2571	re\$transmission near packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 16:27
S92	2267	((downlink or forward) near3 quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 16:28
S93	419475	(power or energy) near3 control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 16:29
S94	96	S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 16:29
S95	78	S94 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 16:29

# EAST Search History

S96	56	S95 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 16:39
S97	2	("20040010744").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 07:59
S98	0	((calculat\$3 or determin\$3 or comput\$3) with (gain or advantage)) same (("IR hybrid ARQ" or IR\$H\$ARQ or H\$ARQ) and ("CC hybrid ARQ" or CC\$HARQ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:05
S99	25275363	@riad < "20031811" or @ad < "20031811"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:05
S10 0	0	((calculat\$3 or determin\$3 or comput\$3) same (gain or advantage)) with (("IR hybrid ARQ" or IR\$H\$ARQ or H\$ARQ) and ("CC hybrid ARQ" or CC\$HARQ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:06
S10 1	0	((calculat\$3 or determin\$3 or comput\$3) same (gain or advantage)) same (("IR hybrid ARQ" or IR\$H\$ARQ or H\$ARQ) and ("CC hybrid ARQ" or CC\$HARQ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:06
S10 2	37	((calculat\$3 or determin\$3 or comput\$3) same (gain or advantage)) same H\$ARQ	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 10:57
S10 3	14	((calculat\$3 or determin\$3 or comput\$3) with (gain or advantage)) same H\$ARQ	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:07

## EAST Search History

S10 4	8	S99 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:24
S10 5	2	("20010011023").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 08:26
S10 6	2	("20010046877").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 09:16
S10 9	1	((comparator and ((downlink or forward) near3 (quality or condition)))) with packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 09:26
S11 0	4	((compar\$4 or subtract\$3) with ((downlink or forward) near3 (quality or condition))) with packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 09:45
S11 1	11	((HITOSHI) near2 (IOCHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 09:44
S11 2	4	S111 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 09:56
S11 3	2	("20060111119").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 09:58

## EAST Search History

S11 4	2	("20050213505").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 09:59
S11 5	2	("20050220052").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:13
S12 0	0	((incremental adj redundancy or IR) and (chase adj combining or CC)) with (((downlink or forward\$4) near3 (quality or condition))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 10:21
S12 1	409383	((incremental adj redundancy or IR) and chase adj combining or CC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 10:55
S12 2	1448	(455/561).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:22
S12 4	41	S121 and S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 10:23
S12 5	35	S124 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 10:38
S12 6	2809	(370/335).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:40

## EAST Search History

S12 7	114	S126 and S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 10:40
S12 8	105	S127 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 10:40
S12 9	0	("2005/0041626").URPN.	USPAT	OR	ON	2006/06/21 11:49
S13 2	4930	((channel or packet or data or information) near2 (quality or condition)) near3 (calcuat\$3 or determin\$3 or comput\$3 or compar\$4 or subtract\$3)	USPAT	OR	ON	2006/06/21 11:53
S13 3	4931	((channel or packet or data or information) near2 (quality or condition or CQI)) near3 (calcuat\$3 or determin\$3 or comput\$3 or compar\$4 or subtract\$3)	USPAT	OR	ON	2006/06/21 11:53
S13 4	2228	((channel or packet or data or information) near (quality or condition or CQI)) near3 (calcuat\$3 or determin\$3 or comput\$3 or compar\$4 or subtract\$3)	USPAT	OR	ON	2006/06/21 11:53
S13 5	1699	((channel or packet or data or information) near (quality or condition or CQI)) near2 (calcuat\$3 or determin\$3 or comput\$3 or compar\$4 or subtract\$3)	USPAT	OR	ON	2006/06/21 11:54
S13 6	1685	S135 and S99	USPAT	OR	ON	2006/06/21 11:53
S13 7	25	((channel or packet or data or information) near (quality or condition or CQI)) near2 (calcuat\$3 or determin\$3 or comput\$3 or compar\$4 or subtract\$3) same (retransmi\$5 or resend)	USPAT	OR	ON	2006/06/21 12:12
S13 8	25	S137 and S99	USPAT	OR	ON	2006/06/21 11:56

## EAST Search History

S14 0	12	((channel or packet or data or information) near (quality or condition or CQI)) near2 (calcuat\$3 or determin\$3 or comput\$3 or compar\$4 or subtract\$3) same (((retransmi\$5 or resend) and (initial or first)))	USPAT	OR	ON	2006/06/21 12:19
S14 1	2303	((channel or packet or data or information) near (quality or condition or CQI)) near3 (calcuat\$3 or determin\$3 or comput\$3 or compar\$4 or subtract\$3 or difference)	USPAT	OR	ON	2006/06/21 12:24
S14 2	22603	((retransmi\$5 or resend) and ((initial adj transmi\$5)) or (first adj transmi\$5)))	USPAT	OR	ON	2006/06/21 12:24
S14 3	148	S141 and S142	USPAT	OR	ON	2006/06/21 12:24
S14 4	148	S99 and S143	USPAT	OR	ON	2006/06/21 12:24
S14 5	7	((channel or packet or data or information) near (quality or condition or CQI)) near3 (calcuat\$3 or determin\$3 or comput\$3 or compar\$4 or subtract\$3 or difference) same (((retransmi\$5 or resend) and ((initial adj transmi\$5)) or (first adj transmi\$5)))	USPAT	OR	ON	2006/06/21 14:08
S14 6	12	CQI with (comparator or difference or comput\$3 or subtract\$3 or calculate\$3)	USPAT	OR	ON	2006/06/21 14:13
S14 7	12	S146 and S99	USPAT	OR	ON	2006/06/21 14:10
S14 8	160	(channel near quality) with (comparator or difference or comput\$3 or subtract\$3 or calculate\$3)	USPAT	OR	ON	2006/06/21 14:16
S14 9	160	S99 and S148	USPAT	OR	ON	2006/06/21 14:14
S15 0	89	(channel near quality) near5 (comparator or difference or comput\$3 or subtract\$3 or calculate\$3)	USPAT	OR	ON	2006/06/21 14:22
S15 1	89	S150 and S99	USPAT	OR	ON	2006/06/21 14:17



## EAST Search History

S15 2	0	(channel near quality) near5 (comparator or difference or comput\$3 or subtract\$3 or calculate\$3) with ((initial and retransmission) near3 packet\$)	USPAT	OR	ON	2006/06/21 14:23
S15 3	0	(channel near quality) near5 (comparator or difference or comput\$3 or subtract\$3 or calculate\$3) with ((initial and retransmission))	USPAT	OR	ON	2006/06/21 14:23
S15 4	5	(channel near quality) near5 (comparator or difference or comput\$3 or subtract\$3 or calculate\$3) with packet\$	USPAT	OR	ON	2006/06/21 14:27
S15 5	9	("20020094815"   "5726640"   "5896561"   "6236656"   "6393012"   "6501745"   "6519233"   "6570883"   "6584089").PN. OR ("7046678").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 14:25
S15 6	69	(channel near quality) near5 packet\$	USPAT	OR	ON	2006/06/21 14:27
S15 7	69	S156 and S99	USPAT	OR	ON	2006/06/21 14:28
S15 8	136214	((incremental adj redundancy or IR or "type II") and (chase adj combining or CC or "type I"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:01
S15 9	25276857	@riad < "20031811" or @ad < "20031811"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 10:57
S16 0	864501	((calculat\$3 or mearsur\$3 or determin\$3 or comput\$3) same (gain\$3 or advantage\$3 or benefit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:00
S16 1	1376	((incremental adj redundancy or IR or "type II") and (chase adj combining or CC or "type I")) same (((calculat\$3 or mearsur\$3 or determin\$3 or comput\$3) same (gain\$3 or advantage\$3 or benefit)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:03

# EAST Search History

S16 2	83	S161 and S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:02
S16 3	34	((incremental adj redundancy or IR or "type II") and (chase adj combining or CC or "type I")) same (((calculat\$3 or mearsur\$3 or determin\$3 or comput\$3) near5 (gain\$3 or advantage\$3 or benefit)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:13
S16 4	7	S159 and S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:03
S16 5	26	((incremental adj redundancy or IR or type adj II near2 ARQ) and (chase adj combining or CC or type adj I near2 ARQ)) same (((calculat\$3 or mearsur\$3 or determin\$3 or comput\$3) near5 (gain\$3 or advantage\$3 or benefit)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:11
S16 6	0	S165 and S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:06
S16 7	26	((incremental adj redundancy or IR) and (chase adj combining or CC )) same (((calculat\$3 or mearsur\$3 or determin\$3 or comput\$3) near5 (gain\$3 or advantage\$3 or benefit)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:14
S16 8	0	S167 and S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:14
S16 9	1182	((incremental adj redundancy or IR) and (chase adj combining or CC )) same (((calculat\$3 or mearsur\$3 or determin\$3 or comput\$3) same (gain\$3 or advantage\$3 or benefit)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 12:26

## EAST Search History

S17 0	7	S169 and S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 11:14
S17 1	2285	(455/522).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/22 12:24
S17 2	1139	((incremental adj redundancy or IR) and (chase adj combining or CC )) same (((calculat\$3 or mearsur\$3 or determin\$3 or comput\$3) same (gain\$3 or advantage\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 12:27
S17 3	1	S171 and S172	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 12:27
S17 4	9668	((incremental adj redundancy or IR) and (chase adj combining or CC )) same (calculat\$3 or mearsur\$3 or determin\$3 or comput\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:33
S17 5	3	S174 and S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 12:28
S17 6	4684	(incremental adj redundancy or IR) near4 (gain or advantage or performance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:28
S17 7	4	S176 and S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:34

## EAST Search History

S178	1	S177 and S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:36
S180	11	((incremental adj redundancy or IR adj (H\$ARQ or HARQ) ) near3 (gain or advantage or performance)) with (apparatus or device or block or system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:47
S181	7	S159 and S180	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:39
S182	1	((incremental adj redundancy or IR adj (H\$ARQ or HARQ) ) near3 (gain or advantage or performance)) with (SIR or "signal to interference ratio" or ((channel or link) near2 quality))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:50
S183	1	((((incremental adj redundancy) or IR adj (H\$ARQ or HARQ) ) near3 (gain or advantage or performance)) with (SIR or "signal to interference ratio" or ((channel or link) near2 quality))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:50
S184	2	((((incremental adj redundancy) or IR adj (H\$ARQ or HARQ) ) near3 (gain or advantage or performance)) same (SIR or "signal to interference ratio" or ((channel or link) near2 quality))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:52
S185	0	((((incremental adj redundancy) or IR adj (H\$ARQ or HARQ)) near3 (gain or advantage or performance)) same (SIR or "signal to interference ratio" or CIR or SNR or ISR)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:28
S186	7	((((incremental adj redundancy) or IR adj (H\$ARQ or HARQ)) near3 (gain or advantage or performance)) and (SIR or "signal to interference ratio" or CIR or SNR or ISR)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:55

## EAST Search History

S18 7	0	(gain with (ARQ or (automatic adj2 request))) same hybrid same (SIR or (signal adj2 interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:22
S18 8	1	(gain with (ARQ or (automatic adj2 request))) same (SIR or (signal adj2 interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:23
S18 9	2	(gain same (ARQ or (automatic adj2 request))) same (SIR or (signal adj2 interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:23
S19 0	489	((incremental adj redundancy) or IR) near4 gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:29
S19 1	298	S190 not infrared	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:29
S19 2	226	((chase adj combining) or CC) near4 gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:30
S19 3	9	S190 AND S192	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 10:30
S19 4	489	((incremental adj redundancy) or IR) near4 gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 14:59

## EAST Search History

S19 5	226	((chase adj combining) or CC) near4 gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 15:01
S19 6	25276857	@rlad < "20031811" or @ad < "20031811"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 14:59
S19 7	458	((chase adj combining) or CC or (type adj2 ("1" or I))) near4 gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 15:01
S19 8	679	((incremental adj redundancy) or IR or (type adj2 ("2" or II or III))) near4 gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 15:01
S19 9	66	S197 and S198	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 15:02
S20 0	55	S196 and S199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/23 15:02